

FIG. 1

Service Cache Record

| 202<br>Service ID | 204<br>Caching Properties | 206<br>In Cache | 208<br>Download Time | 210<br>Last Access Time | 212<br>Age Limit |
|-------------------|---------------------------|-----------------|----------------------|-------------------------|------------------|
|                   |                           |                 |                      |                         |                  |
|                   |                           |                 |                      |                         |                  |
|                   | .                         |                 |                      |                         |                  |
|                   | .                         |                 |                      |                         |                  |
|                   | .                         |                 |                      |                         |                  |
|                   |                           |                 |                      |                         |                  |

FIG. 2

3/6

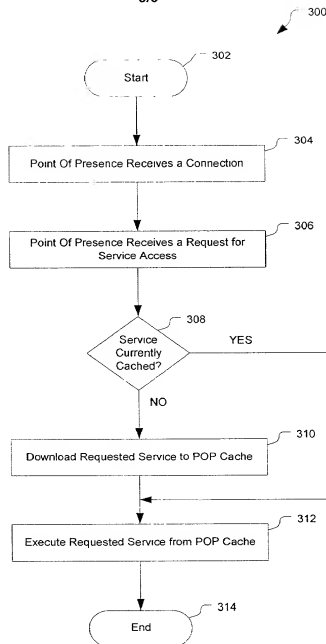
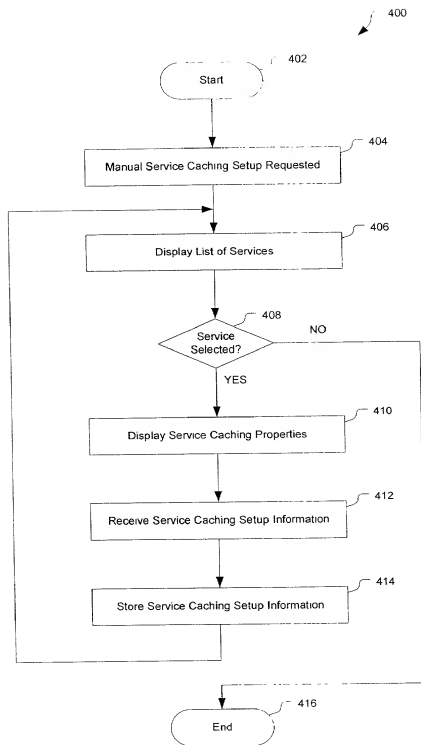
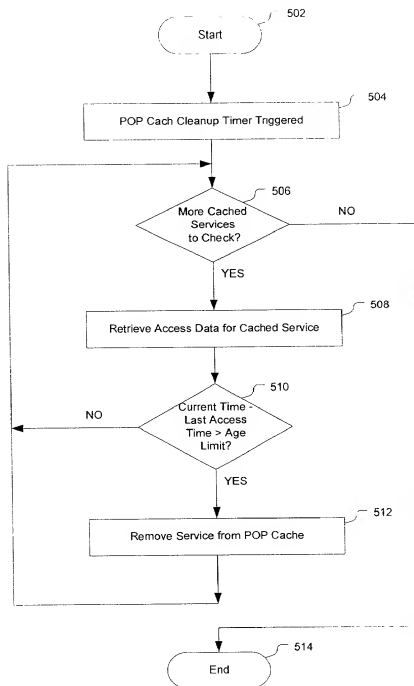


Fig. 3

**Fig. 4**

**Fig. 5**

6/6

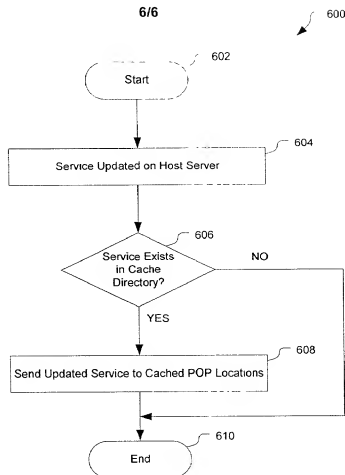


Fig. 6

Cache Directory

|            |        |
|------------|--------|
| Service ID | POP ID |
| Service ID | POP ID |
| .          | .      |
| .          | .      |
| .          | .      |
| Service ID | POP ID |

Fig. 7